



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
James G. Blencoe et al.) Group Art Unit (to be assigned)
Serial No.: 10/706,583)
Filed: November 12, 2003) Examiner (to be assigned)
For: CARBONATION OF METAL)
SILICATES FOR LONG-TERM) Attorney Docket 1217/24517
CO2 SEQUESTRATION)

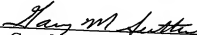
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Honorable Sir:

Pursuant to 37 C.F.R. 1.97(b), record is hereby made of information which the Patent Office may wish to consider in connection with its examination of the above-identified application. A completed PTO-1449 form is enclosed, along with copies of the documents other than U.S. patents.

Respectfully submitted,


Gary M. Sutter
Reg. No. 31,574

MacMillan, Sobanski & Todd, LLC
One Maritime Plaza, Fourth Floor
720 Water Street
Toledo, Ohio 43604
(419) 255-5900



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Page 1 of 1

ATTY. DOCKET NO.
1217/24517

SERIAL NO.
10/706,583

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

APPLICANT
James G. Blencoe et al.

FILING DATE
November 12, 2003

GROUP
(To be assigned)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,770,475	11/6/73	Wuhrer et al.	106	306	-----
	4,124,683	11/7/78	Lalancette	423	166	-----
	4,478,796	10/23/84	Lalancette et al.	423	155	-----

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	WO 02/085788A1	10/31/02	International (WIPO)	C01F	11/18	X
	EP 0070711 A1	1/26/83	Europe	C01B	15/10	X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Seifritz, "CO2 disposal by means of silicates", Nature, vol. 345, June 7, 1990
	Lackner et al., "Magnesite Disposal of Carbon Dioxide", 22nd International Technical Conference on Coal Utilization and Fuel System, pp. 1-12, March 16, 1997
	Lackner et al., "Carbon Dioxide Disposal in Carbonate Minerals", Energy, vol. 20, no. 11, pp. 1153-1170, 1995
	Lackner et al., "Progress on Binding CO2 in Mineral Substrates", Energy Convers. Mgmt., vol. 38, suppl., pp. S259-S264, 1997
	Goff et al., "Carbon Dioxide Sequestering Using Ultramafic Rocks", Environmental Geosciences, vol. 5, no. 3, pp. 89-101, 1998
	Lackner, "A Guide to CO2 Sequestration", Science, vol. 300, pp. 1677-1678, June 13, 2003
	Goldberg et al., "A Program to Develop CO2 Sequestration via Mineral Carbonation", Proceedings of the 6th International Conference on Greenhouse Gas Control Technologies, Kyoto, Japan, pp. 1-6, Oct. 1, 2002
	Haywood et al., "Carbon dioxide sequestration as stable carbonate minerals - environmental barriers", Environmental Geology, Springer-Verlag (http://link.springer.de), 10 pages, August 21, 2001
	Gerdemann et al., "Carbon Dioxide Sequestration by Aqueous Mineral Carbonation of Magnesium Silicate Minerals", Proceedings of the 6th International Conference on Greenhouse Gas Control Technologies, Kyoto, Japan, pp. 1-6, Oct. 1, 2002
	Guthrie et al., "Geochemical Aspects of the Carbonation of Magnesium Silicates in an Aqueous Medium", NETL Conference on Carbon Sequestration, pp. 1-14, 2001
	Xiaodong et al., "Mitigation of CO2 by Chemical Conversion: Plausible Chemical Reactions and Promising Products", Energy and Fuels, vol. 10, pp. 305-325, 1996
	Butt et al., "A Method for Permanent Disposal of CO2 in Solid Form", World Resource Review, vol. 9, no. 3, pp. 324-336, 1997
	Smithson et al., "Kinetics and Mechanism of Carbonation of Magnesium Oxide Slurries", Ind. Eng. Chem. Process Des. Develop, vol. 12, no. 1, pp. 99-106, 1973
	Bearat et al., "Magnesium Hydroxide Dehydroxylation/Carbonation Reaction Processes: Implications for Carbon Dioxide Mineral Sequestration", J. Am. Ceram. Soc., vol. 85, no. 4, pp. 742-748, 2002
	Wu et al., "Feasibility of CO2 Fixation via Artificial Rock Weathering", Ind. Eng. Chem. Res., vol. 40, pp. 3902-3905, 2001
	Jia et al., "Mineral Carbonation and ZECA", Proceedings of the 6th International Conference on Greenhouse Gas Control Technologies, Kyoto, Japan, pp. 1-6, Oct. 1, 2002
	Kakizawa et al., "A new CO2 disposal process via artificial weathering of calcium silicate accelerated by acetic acid", Energy, vol. 26, pp. 341-354, 2001

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.